

PTO/SB/21 (08-03)

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/810,160 | |
| | Filing Date | March 25, 2004 | |
| | First Named Inventor | Myeong-Je CHO | |
| | Art Unit | Not Yet Assigned | |
| | Examiner Name | Not Yet Assigned | |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | 416272001301 |

ENCLOSURES (Check all that apply)

| | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement w/Form 1449 (5 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|--|
| Firm or Individual name | MORRISON & FOERSTER LLP Otis Littlefield - 48,751 |
| Signature | |
| Date | April 30, 2004 |

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Valerie Cohen

Valerie Cohen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Myeong-Je CHO et al.

Serial No.: 10/810,160

Filing Date: March 25, 2004

For: VALUE ADDED TRAITS IN GRAIN
AND SEED TRANSFORMED WITH
THIOREDOXIN

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 09/538,864, filed March 29, 2000, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. § 1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

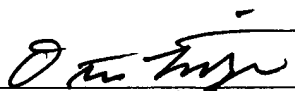
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

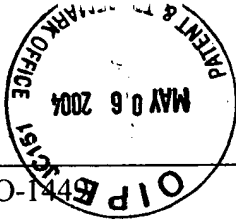
In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **416272001301**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April 30, 2004

Respectfully submitted,

By: 
Otis Littlefield
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|--|-----------------------------------|---------------------------------|
| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | Docket Number 416272001301 | Application Number 10/810,160 |
| | Applicant Myeong-Je CHO et al. | |
| | Filing Date March 25, 2004 | Group Art Unit Not Yet Assigned |
| | Mailing Date April 30, 2004 | |

U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|----------|-----------|--------------|-------------------|-------|----------|----------------------------|
| | 1. | 8/1996 | 5,543,576 | van Ooijen et al. | | | |
| | 2. | 10/1996 | 5,569,833 | Vincentz et al. | | | |
| | 3. | 8/11/1998 | 5,792,506 | Buchanan et al. | | | |
| | 4. | 3/1999 | 5,889,189 | Rodriguez | | | |
| | 5. | 8/11/1998 | 5,952,034 | Buchanan et al. | | | |
| | 6. | 8/11/1998 | 6,113,951 | Buchanan et al. | | | |
| | 7. | 8/11/1998 | 6,114,504 | Buchanan et al. | | | |
| | 8. | 8/11/1998 | 6,190,723 | Buchanan et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Translation YES NO |
|-------------------|----------|-----------|--------------|---------|-------|----------|--------------------|
| | 9. | 2/8/1996 | WO96/03505 | PCT | | | |
| | 10. | 6/22/2000 | WO00/36126 | PCT | | | |

OTHER DOCUMENTS*(including author, title, Date, Pertinent Pages, Etc.)*

| Examiner Initials | Ref. No. | Title |
|-------------------|----------|--|
| | 11. | Bower et al., The Plant Cell, vol. 8: 1641-1650 |
| | 12. | Brandt et al., Carlsberg Res. Commun. vol. 50:333-345, 1985 |
| | 13. | Brugidou et al., Mol. Gen. Genet, 238: 285-293, 1993 |
| | 14. | Cho, M. J, et al., "Subcellular Targeting of Barley Hordein Promoter-uidA Fusions in Transgenic Barley Seed", In Vitro Cellular and Developmental Biology 34(3) part 2:48A, 1998, abstract only. |
| | 15. | Gautier et al., 1998, European Journal of Biochemistry, 252: 314-324 |
| | 16. | Ishiwatari et al., Planta, 1995, 195 (3) 456-463 |
| | 17. | Marris et al., Plant Molecular Biology 10: 359-366, 1988 |
| | 18. | Rivera-Madrid et al., PNAS USA 92:5620-5624, June 1995 |
| | 19. | Sewalt et al., J. Agric. Food Chem. 1997, 45, 1977-1983 |

EXAMINER:**DATE CONSIDERED:**

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

